ELITE ROTARY WING SIMULATOR

SINGLE ENGINE TURBINE BASED ON AIRBUS AS355

The S723T is a twin-engine turbine helicopter modeled after the Airbus Helicopter AS355 Twin Squirrel/TwinStar. Dynamic control loading, force trim, avionics system with EFIS, WAAS, radar altimeter and fully integrated Automatic Flight Control System (AFCS SFIM), provide one of the most sophisticated training platforms ever developed for single or dual pilot IFR operations. With various different visual options available, 3D airports, oil rigs, and configurable weather models, the S723T is also ideal for VFR training tasks. Dual flight controls allow for in-cockpit instruction or crew resource management (CRM) training. In-cockpit WIFI integrates the use of favorite iPad navigation and planning Apps. The S723T is the most precise, reliable, and technically advanced trainer in its class.

SUPERIOR & COST EFFECTIVE
FLIGHT SIMULATION SOLUTIONS

ELITE® S723T FNPT II/MCC

- Dynamic Control Loading in 3-axis plus trim release
- SFIM 85T31 AFCS 3 Axis AP, FDC coupler and monitor
- Radar altimeter, advisory and master caution panel
- Silver Crown-style avionics with ALT/VSI preselect
- Active audio panel and marker beacon lights
- EFIS
- Real Garmin GNS 430W/530W
- Professional grade flight controls
- Ergonomic instrument panel
- AS355-style aircraft specific system switches, throttle, fuel control unit
- Adjustable day/night instrument lights

TRAINING VALUE

- Dual controls for crew resource training
- Fully IFR capable
- GPS orientation, navigation and approaches
- Save money on operational costs such as fuel, mainentance and repair
- Use the S723T as your training program's risk management tool
- Increase your sources of revenue
- Add significant prestige and value to the marketing of your helicopter training program
- Students increase in skill, confidence and become safer pilots

PRECISE ROTARY WING FLIGHT DYNAMICS

TASK TRAINING IN DAY AND NIGHT CONDITIONS
- Performance checks, hover, hover taxi, ground taxi
- Pedal turns about the mast, nose and tail, forward, lateral and rearward flight
- Take off from a hover and from the ground, max performance take off
- Landings to a hover, running landings, normal and steep approches
- Pinnacle landings (roof tops and oil rigs), confined area landing and take off

EMERGENCY PROCEDURES TRAINING
- Failures of instruments, receivers, power plant, systems and GPS
- Autorotations, loss of tail rotor thrust, loss of tail rotor, settling with power
- Retreating blade stall, hot starts, hung starts
- Immediate, timed, gradual, and random failures

NAVIGATION, SCENERY DATA & WEATHER MODELS
- World-wide navigation data, enhanced visual scenery, oil rigs
- Dynamic weather, visible precipitation

MAPPING AND EVALUATION
- IOS moving map, flight data recorder, route and waypoint plotter

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